

Amendments to the Claims are as follows:

1. (currently amended) A support cradle (8) for a computed tomography system (4), the support cradle comprising:
a rotating body;
having a supporting ring (10) for rotatably supporting a~~the~~ rotating body (2), ~~characterized in that the supporting ring (10) is embodied as~~ having a hollow section, ~~in which two~~ with first and second ~~annularly closed~~ hollow chambers (31a, 31b) fluidically separated from one another, ~~the~~ ~~are embodied,~~ of which a first hollow chamber (31a) ~~forms~~ forming an annular conduit (32) for supplying a coolant (L) to the rotating body (2), and a ~~the~~ second hollow chamber (31b) ~~forms~~ forming an annular conduit (33) for evacuating the coolant (L) from the rotating body (2).
2. (currently amended) The support cradle (8) as defined by claim 1, wherein ~~characterized in that the support cradle (8) includes a pedestal (9), on which the supporting ring (10) is supported rotatably about a horizontal transverse axis (17).~~
3. (currently amended) The support cradle (8) as defined by claim 2, wherein ~~characterized in that a base plate (11) of the pedestal (9) is embodied as~~ has a hollow section.
4. (currently amended) The support cradle (8) as defined by claim 3, wherein ~~characterized in that two transverse conduits (27, 28), extending~~ extend in the transverse direction (12) and are fluidically separated from one another, ~~are embodied in the base plate (11).~~
5. (currently amended) The support cradle (8) as defined by ~~one of~~ claims 1 through 4, ~~characterized in that~~ claim 1 wherein the supporting ring (10) has a substantially L-shaped profile, and wherein one of the annular conduits (32, 33) is embodied in a first arm ~~one of the arms (29, 30)~~ of the L-shaped profile, and

the other of the annular conduits (32, 33) is embodied in a second arm of the L-shaped profile another of the arms (29, 30).

6. (currently amended) The support cradle (8) as defined by ~~one of claims 1 through 5, characterized in that~~ claim 1 wherein the supporting ring (10) is supported with two aligned shaft segments (15a, 15b), secured to a the circumference of the supporting ring (10), ~~to by a~~ the pedestal (9), and at least one shaft segment (15a, 15b) is embodied as a hollow section and communicates, for supplying or evacuating the coolant (L), with a corresponding annular conduit (32, 33) of the supporting ring (10).

7. (currently amended) The support cradle (8) as defined by ~~one of claims 1 through 6, characterized in that~~ claim 1 wherein, along the course of each annular conduit (32, 33), a number of openings (35, 38) are made in an inner wall (36) of the supporting ring (10).

8. (currently amended) The support cradle (8) as defined by claim 7, ~~characterized in that~~ wherein a first annular conduit (32) discharges axially with respect to the supporting ring (10) onto an adjacent outer side of the rotating body (2);, and wherein that a second annular conduit (33) discharges radially with respect to the supporting ring (10) onto a wall of the rotating body (2).

9. (currently amended) The support cradle (8) as defined by ~~one of claims 1 through 8, characterized in that~~ wherein the coolant (L) is air.

10. (currently amended) A computed tomography system (1) ~~having~~ comprising:

a blower and cooling unit (19);,

a supply line (20), and;

an evacuation line (24) for a cooling device (18) that includes coolant (L);,

and ~~having~~

a support cradle, at least partly receiving the supply line (20) and evacuation line (24) and rotatably supporting a rotating body (2), ~~as defined by one of the foregoing claims~~ the support cradle having a hollow section with first

and second hollow chambers fluidically separated from one another, the first hollow chamber forming an annular conduit for supplying the coolant to the rotating body, and the second hollow chamber forming an annular conduit for evacuating the coolant from the rotating body.

11. (currently amended) The computed tomography system (1)-as defined by claim 10, ~~characterized in that~~ wherein the blower and cooling unit (19) is disposed on ~~a~~ the base plate (11) and, for recirculating and cooling the coolant (L), is in fluidic communication with ~~each transverse conduits conduit (27, 28)~~ of the base plate (11).

12. (currently amended) The computed tomography system (1)-as defined by claim 10, ~~wherein the first hollow chamber 10 or 11, characterized in that the annular conduit (32) of the support cradle supporting ring (10) intended for supplying the coolant (L) corresponds via the first openings (35) with a supply line (22') of the rotating body (2); and wherein that the second hollow chamber of the support cradle annular conduit (33) of the supporting ring (10) intended for evacuating the coolant (L) corresponds via the second openings (38) with a an evacuation line (24') of the rotating body (2).~~

13. (new) The support cradle as defined by claim 4 wherein the supporting ring has a substantially L-shaped profile, and wherein one of the annular conduits is in a first arm of the L-shaped profile, and the other of the annular conduits is in a second arm of the L-shaped profile.

14. (new) The support cradle as defined by claim 2 wherein the supporting ring is supported with two aligned shaft segments secured to a circumference of the supporting ring by the pedestal, and at least one shaft segment is a hollow section and communicates, for supplying or evacuating the coolant, with a corresponding annular conduit of the supporting ring.